

Appl. No. 10/785,088

In re Kroppe

Reply to Notice of Allowance of Oct. 4, 2005

Amendments to the Specification:

*Enter 312
- formal
matters
only
HLL 12-27-05*

Please replace paragraph beginning on page 10, line 7 of the present application with the following amended paragraph:

The ECU 58 transmits control signals to the variable control valves 21a, 21b, 24 and 41 based on input signals from one or more sensors indicative to at least one vehicle parameter and/or at least one operating parameter of the integrated control system 18 as a control input. In accordance with the preferred embodiment of the present invention, the ECU 58 receives signals from sensors ~~[[74]]~~ 72, 74 and 76 indicative to a speed difference between inputs and outputs of the clutches 20a, 20b and 22, a sensor 78 indicative to a position of the piston 44 within the cylinder 42, a sensor 80 indicative to a speed of the piston 44 within the cylinder 42, a vehicle speed sensor 82, a vehicle lateral acceleration sensor 84, a yaw rate sensor 86, and a steering angle sensor ~~[[86]]~~ 88. It will be appreciated that any other appropriate sensors indicative to various vehicle parameters may be employed. The ECU 58 also receives signals from a pressure sensor 62 providing a signal indicative to a fluid pressure in the supply passageway 47, a pressure sensor 64 providing a signal indicative to a fluid pressure supplied to the left clutch 20a through the control valve 21a, a pressure sensor 66 providing a signal indicative to a fluid pressure supplied to the lock-up clutch 22 through the control valve 24, a pressure sensor 68 providing a signal indicative to a fluid pressure supplied to the right clutch 20b through the control valve